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1762

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	<b>Application Number</b>	10/512,113	
	<b>Filing Date</b>	October 21, 2004	
	<b>First Named Inventor</b>	Sunil Madhukar Bhangale et al.	
	<b>Group Art Unit</b>	1762	
	<b>Examiner Name</b>		
<b>Total Number of Pages in This Submission (including this sheet)</b>	97	<b>Attorney Docket No.</b>	3110.ARTH.PT

<b>ENCLOSURES (check all that apply)</b>			
<input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Appeal Communication: <input type="checkbox"/> Appeal Notice <input type="checkbox"/> Appeal Brief <input type="checkbox"/> Reply Brief <input type="checkbox"/> Assignment with Cover Sheet <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Check in the amount of \$____ <input type="checkbox"/> Credit card authorization in the amount of \$____ <input type="checkbox"/> Declaration & Power of Attorney <input type="checkbox"/> Drawings ____ sheets <input type="checkbox"/> Formal <input type="checkbox"/> Informal	<input type="checkbox"/> Extension of Time Request ____ month <input type="checkbox"/> Fee Calculation Table <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> Form 1449 <input checked="" type="checkbox"/> Copies of IDS References <input type="checkbox"/> Issue Fee Transmittal & Advance Order	<input type="checkbox"/> Maintenance Fee Transmittal ____ year <input type="checkbox"/> Missing Parts Response <input type="checkbox"/> Notification of Change of Attorney Address & Docket Number <input checked="" type="checkbox"/> Return Postcard <input type="checkbox"/> Revocation & Power of Attorney <input type="checkbox"/> Status Inquiry <input type="checkbox"/> Other:	<b>Remarks</b>
<b>SIGNATURE OF APPLICANT, ATTORNEY OR AGENT</b>			
<b>Attorney for Applicant</b>		Julie K. Morriss, Registration No. 33,263 MORRISS O'BRYANT COMPAGNI, P.C. 136 South Main Street, Suite 700 Salt Lake City, Utah 84101 (801) 478-0071 telephone; (801) 478-0076 facsimile	
<b>Signature</b>	<i>Julie K. Morriss</i>	<b>Date</b>	5-24-05
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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, on the date indicated below, in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.			
<b>Typed or Printed Name</b>		Julie K. Morriss	
<b>Signature</b>	<i>Julie K. Morriss</i>	<b>Date</b>	5-24-05



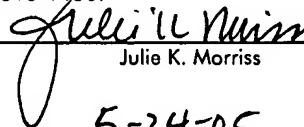
Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Sunil Madhukar Bhangale et al.  
SERIAL NO.: 10/512,113  
FILING DATE: October 21, 2004  
TITLE: METHOD FOR ELECTROLESS  
DEPOSITION OF A METAL LAYER  
ON SELECTED PORTIONS OF A  
SUBSTRATE  
ART UNIT: 1762  
EXAMINER:  
DOCKET NO.: 3110.ARTH.PT

CERTIFICATE OF MAILING  
UNDER 37 C.F.R. § 1.8

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Julie K. Morriss

5-24-05

Date of Deposit

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.98(a)(1), enclosed is Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). Applicants respectfully submit that this Information Disclosure Statement is filed, pursuant to 37 C.F.R. § 1.97 (b), within three months of the filing date of the application, within three months of the date of entry of the national stage set forth in § 1.491 or before the mailing date of a first Office action on the merits. Applicants request that the references cited in the enclosed form PTO-1449 be made of record in the above-captioned application. While no representation is made that any of the references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

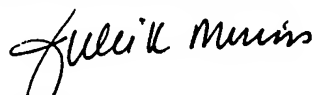
Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the references listed, together with any other references which may have been previously submitted or listed, are the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no reference which is more relevant to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with the waiver of 37 C.F.R. § 1.98(a)(2)(i) published in the Official Gazette on August 5, 2003 for U.S. patent applications filed after June 30, 2003, copies of each cited U.S. patent and each U.S. patent application publication are not enclosed. Applicants have submitted copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. § 1.98 (a)(2). Any listed reference that is not in the English language is accompanied by a concise explanation in English of its relevance as required under 37 C.F.R. § 1.98(a)(3)(i).

Please charge any additional fees or credit any overpayment to Deposit Account No. 50-0881.

DATED this 24<sup>th</sup> day of May, 2005.

Respectfully submitted,



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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

MAY 27 2005

Use as many sheets as necessary

Complete if Known

Application Number	10/512,113
Filing Date	October 21, 2004
First Named Inventor	Sunil Madukar Bhangale et al.
Group Art Unit	1762
Examiner Name	
Attorney Docket	3110.ARTH.PT

Sheet 1 of 2

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-4,264,646	04-28-1981	Thornburg et al.	
		US-4,824,693	04-25-1989	Schlipf et al.	
		US-5,384,154	01-24-1995	De Bakker et al.	
		US-5,738,977	04-14-1998	Van Der Sluis-Van Der Voort et al.	
		US-5,798,811	08-25-1998	Hermens et al.	
		US-			
		US-			
		US-			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>4</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		EP 0 176 736 A1	04-09-1986	Moisan et al.		
		EP 0 518 422 A2	12-16-1992	Van der Putten et al.		
		EP 0 577 187 A1	01-05-1994	Fokkink et al.		
		EP 1 201 787 A2	10-24-2000	Shipley Co. LLC		
		JP 6 0241 291 A	05-16-1984	Toshiba		
		JP 6 3070 486 A	09-11-1986	Hitachi Chemical		
		JP 2000 1444 39 A	10-30-1998	Kizai		
		JP 2002 0687 82 A	08-29-2000	Mitsuboshi Belting Ltd.		
		JP 2002 0942 18 A	09-18-2000	Sankyo		
		WO 963 2521 A1	04-10-1995	Kao Corp		

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if

